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IS 5255 (1986): Poultry Feeders [FAD 5: Livestock Feeds, Equipment and Systems]



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Indian Standard

SPECIFICATION FOR POULTRY FEEDERS

(*First Revision*)

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Indian Standard

SPECIFICATION FOR POULTRY FEEDERS

(First Revision)

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Indian Standard

SPECIFICATION FOR POULTRY FEEDERS

(First Revision)

0. FOREWORD

0.1 This Indian Standard (First Revision) was adopted by the Indian Standards Institution on 29 August 1986, after the draft finalized by the Animal Structures and Equipment Sectional Committee had been approved by the Agricultural and Food Products Division Council.

0.2 This standard was first published in 1960. A need was felt to revise the standard to incorporate the followings:

- a) The term 'portable' has been deleted from the title.
- b) Two specific types namely hanging type and box type have been included, and
- c) Material for various components has been incorporated.

0.3 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

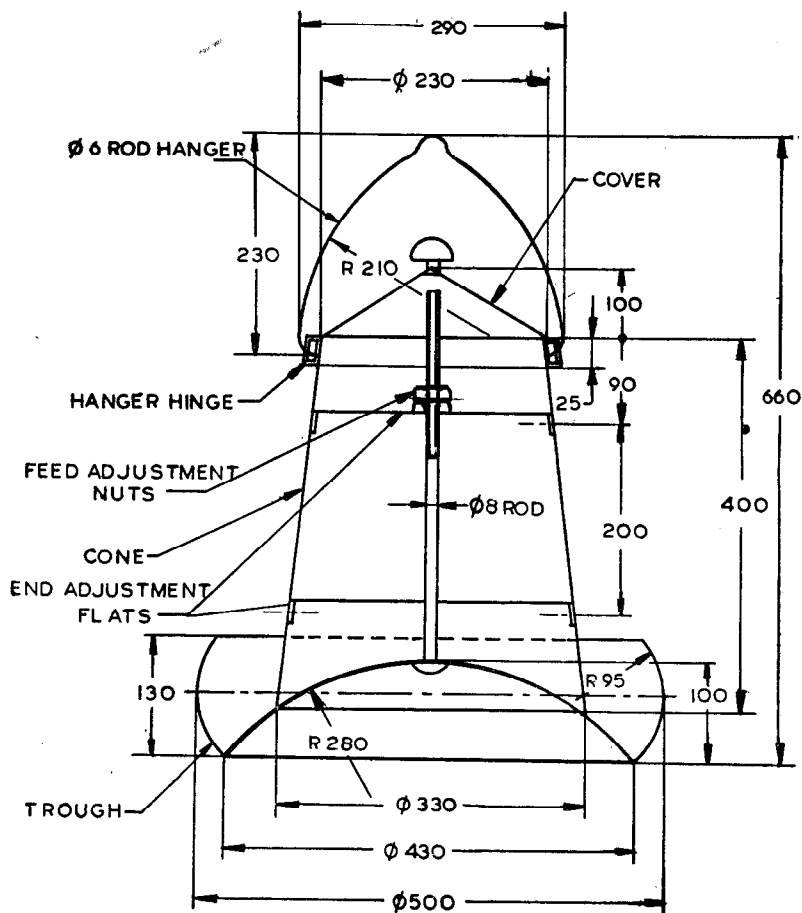
1.1 This standard specifies types, material, constructional and other requirements of poultry feeders.

2. TYPES

2.1 For the purpose of this standard, the poultry feeders shall be of the following two types:

- a) Hanging type (*see* Fig. 1),
- b) Box type (*see* Fig. 2).

*Rules for rounding off numerical values (*revised*).



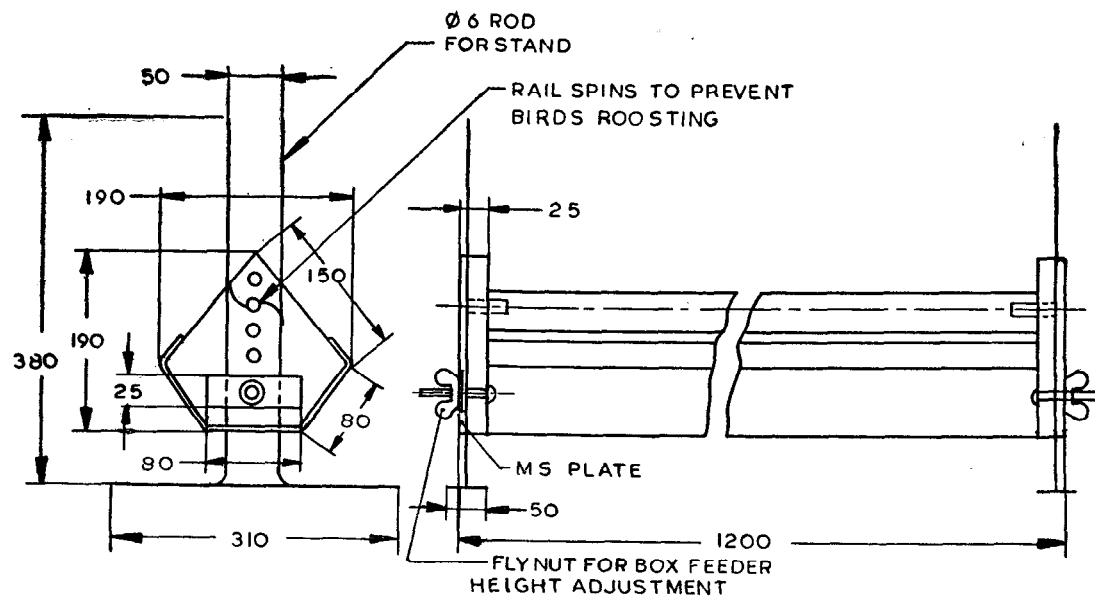
All dimensions in millimetres.

FIG. 1 HANGING TYPE FEEDER

3. MATERIALS

3.1 The trough, cone and cover in case of hanging type and trough in case of box type shall be made from galvanized sheet steel of minimum 0.63 mm thickness. Aluminium or plastics may also be used. Cold-rolled or hot-rolled steel sheets may also be used if coated by hot galvanization, the thickness of coating being not less than $30\ \mu\text{m}$.

3.2 The other components of the feeder shall be manufactured from galvanized steel, aluminium, plastic or mild steel.



All dimensions in millimetres.

FIG. 2 BOX TYPE FEEDER

4. CAPACITY

4.1 The capacity of feeder for keeping the feed shall be declared by the manufacturer in dm³. The capacity shall not differ by ± 5 percent from the declared value.

5. DIMENSIONS

5.1 Dimensions of hanging type feeder for 15 to 20 birds and of box type feeder for 25 birds are given in Fig. 1 and 2 respectively for guidance.

6. CONSTRUCTION

6.1 The feeder shall be constructed ensuring free access of the birds to the feed, protection of the feed from contamination with droppings and possibility of cleaning the residues of the feed from the feeders.

6.2 It shall be designed in such a way that the birds do not roost.

6.3 The feeder shall be equally suitable for feeding either mesh or crumbs or pellets and shall be so designed that the feed does not bridge or clog.

7. WORKMANSHIP AND FINISH

7.1 The components of the feeders shall not have sharp corners, edges and burrs.

7.2 The places joined by welding should be smoothened and painted. Mild steel components shall also be painted.

8. MARKING AND PACKING

8.1 Marking — The feeder shall be marked with the following particulars:

- a) Manufacturer's name or recognized trade-mark,
- b) Batch or code or serial number, and
- c) Capacity.

8.1.1 Each feeder may also be marked with the ISI Certification Mark.

NOTE — The use of the ISI Certification Mark is governed by the provisions of the Indian Standards Institution (Certification Marks) Act and the Rules and Regulations made thereunder. The ISI Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well-defined system of inspection, testing and quality control which is devised and supervised by ISI and operated by the producer. ISI marked products are also continuously checked by ISI for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the ISI Certification Mark may be granted to manufacturers or processors, may be obtained from the Indian Standards Institution.

8.2 Packing — The feeder may be packed in accordance with the agreement between the purchaser and the supplier.

9. SAMPLING FOR LOT ACCEPTANCE

9.1 Unless otherwise agreed to between the purchaser and supplier, the method of sampling and criteria for conformity shall be as given in 3 of IS : 7201-1974*.

*Methods of sampling of agricultural tractors and machinery.

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